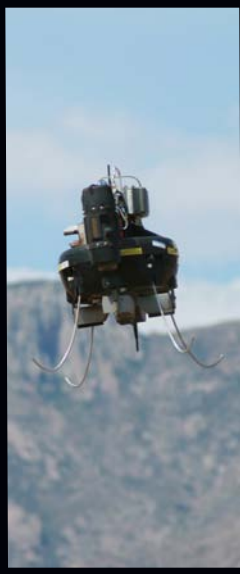
AN/PSW-2
Common Controller (CC)



Common Controller (CC) serves as a single common networked controller for many different IBCT unmanned systems. Currently, the Army does not have a common control device for these various unmanned platforms and sensors. The Common Controller is executing a Rapid Prototyping Spiral Development effort and has successful completed Spiral 1, culminating in a successful month long field exercise at Fort Bliss, Texas and is now executing two concurrent spiral development efforts (Spiral 2 and Spiral 3). The Common Controller is now on a path for early insertion into the Early E-IBCTs (Increment 1). A final decision on which early Brigade has not been made.

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The Common Controller (CC) consolidates control of numerous sensor nodes and unmanned platforms into a single integrated networked controller, providing the Dismounted Soldier with Situational Awareness and ISR capabilities for near real-time decision making. The CC increases Soldier interoperability, reduces the logistics footprint, and simplifies training.

The CC is designed to monitor and control:

- XM156 Class I Unmanned Aerial System (UAS)
- XM1217 Multifunction Utility/Logistics & Equipment (MULE) Transport
- XM1218 MULE Counter-Mine Vehicle
- XM1219 Armed Robotic Vehicle Assault (Light)(ARV-A(L))
- XM1216 Small Unmanned Ground Vehicle (SUGV)
- AN/GSR-9 & AN/GRS-10 Tactical and Urban Unattended Ground Sensors (T/U-UGS)

The Acquisition Spiral approach provides opportunity to experiment with human factors early in the design process to ensure an effective and Soldier-friendly controller based on Warfighter feedback and lessons learned. CC Spirals will incorporate Battle Command software and enhance the design through Pre-Planned Product Improvement (P3I).